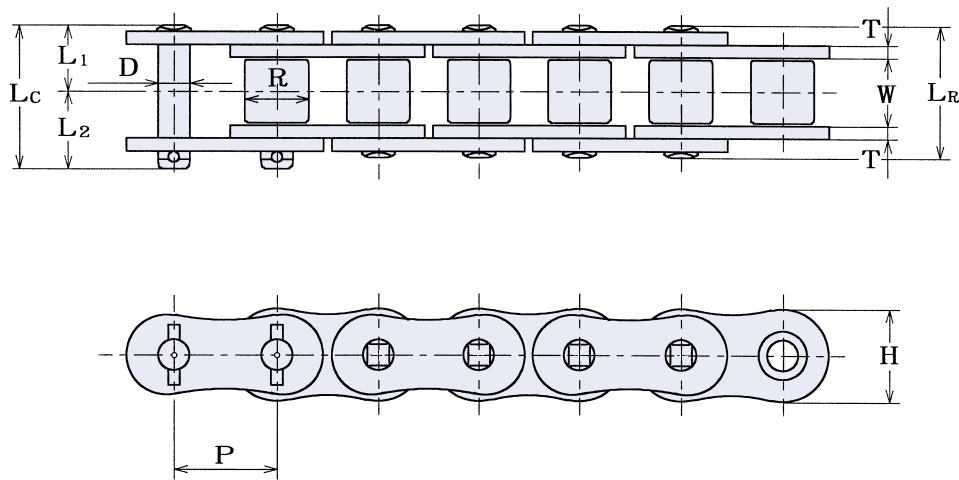


# Super Roller Chains

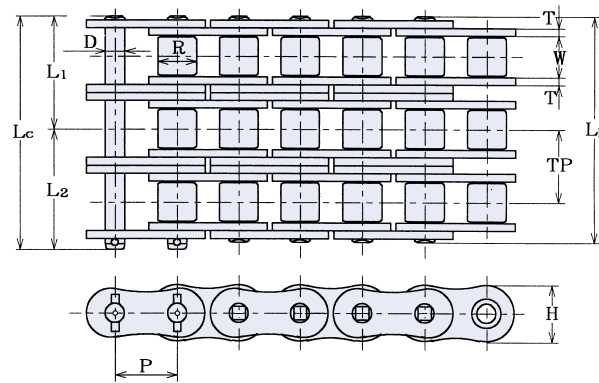
SY Super & Super Heavy series chains are designed to provide longer chain life under severe loads. Enhanced plate configuration and ball milling plate holes ensure greater tensile strength and resistance to fatigue failure. High-grade alloy steel and four point riveting provide higher shock load capacities. Super Heavy series chains have side plate thickness of the next larger chain size. Both Super and Super Heavy run on standard sprockets.



- Note: 1. Offset links are not available.  
 2. Cotter type chain will be provided upon request.  
 3. Riveted chain will be supplied unless otherwise specified.  
 4. Press-fitted type connecting links will be supplied.

## SINGLE STRANDS

SY Chain No. (ANSI)	Dimensions - mm										Average Ultimate Strength kN	Maximum Allowable Load kN	Average Chain Weight kg/m
	Pitch P	Roller		Pin				Plate					
		Width W	Dia. R	Dia. D	Length			Height H	Thick. T				
					LR	LC	L1	L2					
SUPER 80	25.40	15.88	15.88	7.93	32.6	35.5	16.3	19.2	24.1	3.2	84.3	18.6	2.81
SUPER 100	31.75	19.05	19.05	9.53	39.8	43.2	19.9	23.3	30.1	4.0	127	30.4	4.26
SUPER 120	38.10	25.40	22.23	11.10	49.7	53.7	24.9	28.8	36.2	4.8	186	39.2	6.30
SUPER 140	44.45	25.40	25.40	12.70	54.0	58.3	27.0	31.3	42.2	5.6	245	53.9	8.04
SUPER 160	50.80	31.75	28.58	14.28	64.4	69.0	32.2	36.8	48.2	6.4	314	70.6	10.8
SUPER 200	63.50	38.10	39.67	19.83	78.6	86.2	39.3	46.9	60.3	8.0	490	94.1	17.6
SUPER 240	76.20	47.63	47.63	23.78	96.4	103.4	48.2	55.2	72.4	9.5	726	132	25.6
SUPER 80H	25.40	15.88	15.88	7.93	35.9	38.9	18.0	20.9	24.1	4.0	98.1	20.6	3.33
SUPER 100H	31.75	19.05	19.05	9.53	42.6	46.2	21.3	24.9	30.1	4.8	145	32.4	4.88
SUPER 120H	38.10	25.40	22.23	11.10	52.8	57.3	26.4	30.9	36.2	5.6	196	42.2	6.94
SUPER 140H	44.45	25.40	25.40	12.70	57.2	61.9	28.6	33.3	42.2	6.4	255	56.9	8.87
SUPER 160H	50.80	31.75	28.58	14.28	67.9	72.8	34.0	38.8	48.2	7.1	324	73.5	11.7



MULTIPLE STRANDS

SY Chain No.	Dimensions - mm											Average Ultimate Strength	Maximum Allowable Load	Average Chain Weight
	Pitch	Roller		Pin				Plate		Trans. Pitch				
		Width	Dia.	Dia.	Length			Height	Thick.					
		P	W	R	D	LR	LC	L1	L2		H			
SUPER80-2	25.40	15.88	15.88	7.93	62.0	64.9	31.0	33.9	24.1	3.2	29.3	169	31.6	5.63
SUPER80-3					91.3	94.2	45.7	48.5				253	46.5	8.41
SUPER80-4					120.6	123.5	60.3	63.2				337	61.4	11.18
SUPER100-2	31.75	19.05	19.05	9.53	75.4	79.0	37.7	41.3	30.1	4.0	35.8	254	51.7	8.38
SUPER100-3					111.2	114.8	55.6	59.2				381	76.0	12.57
SUPER100-4					147.0	150.6	73.5	77.1				508	100	16.77
SUPER120-2	38.10	25.40	22.23	11.10	95.4	99.4	47.7	51.7	36.2	4.8	45.4	372	66.6	12.44
SUPER120-3					140.8	144.8	70.4	74.4				558	98.0	18.65
SUPER120-4					186.2	190.2	93.1	97.1				744	129	24.85
SUPER140-2	44.45	25.40	25.40	12.70	103.3	107.6	51.7	55.9	42.2	5.6	48.9	490	91.6	15.92
SUPER140-3					152.2	156.5	76.1	80.4				735	135	23.84
SUPER140-4					201.1	205.4	100.6	104.8				980	178	30.72
SUPER160-2	50.80	31.75	28.58	14.28	123.2	127.8	61.6	66.2	48.2	6.4	58.5	628	120	21.44
SUPER160-3					181.7	186.3	90.9	95.4				942	177	32.10
SUPER160-4					240.2	244.8	120.1	124.7				1256	233	42.84
SUPER200-2	63.50	38.10	39.67	19.83	150.6	158.2	75.3	82.9	60.3	8.0	71.6	980	160	34.91
SUPER200-3					222.2	229.8	111.1	118.7				1470	235	52.44
SUPER200-4					293.8	301.4	146.9	154.5				1960	311	69.74
SUPER240-2	76.20	47.63	47.63	23.78	184.2	191.2	92.1	99.1	72.4	9.5	87.8	1452	224	50.88
SUPER240-3					272.0	279.0	136.0	143.0				2178	330	76.12
SUPER240-4					359.8	366.8	179.9	186.9				2904	436	101.40
SUPER 80H-2	25.40	15.88	15.88	7.93	68.6	71.6	34.3	37.3	24.1	4.0	32.6	196.2	35.02	6.67
SUPER 80H-3					101.2	104.2	50.6	53.6				294.3	51.5	9.96
SUPER100H-2	31.75	19.05	19.05	9.53	81.6	85.4	40.8	44.6	30.1	4.8	39.1	290	55.08	9.6
SUPER100H-3					120.7	124.5	60.4	64.1				435	81.0	14.4
SUPER120H-2	38.10	25.40	22.23	11.10	102.0	106.4	51.0	55.4	36.2	5.6	48.9	392	71.74	13.71
SUPER120H-3					150.9	155.4	75.5	79.9				588	105.5	20.55
SUPER140H-2	44.45	25.40	25.40	12.70	109.6	114.2	54.8	59.4	42.2	6.4	52.2	510	96.73	17.56
SUPRR140H-3					161.8	166.5	80.9	85.6				765	142.25	26.3
SUPER160H-2	50.80	31.75	28.58	14.28	130.	134.8	65.	69.8	48.2	7.1	61.9	648	124.95	23.15
SUPER160H-3					192.	196.8	96.	100.8				972	183.75	34.67